VoSKY® | Your Ultimate Gateway to Skype™

skype Certified

VoSKY Exchange Pro VIT1/E1

Quick Start Guide

Before You Begin

- Make sure you meet all hardware requirements (Monitor, Keyboard, Mouse, Network cable).
- Make sure you have a dedicated broadband connection (uplink/ downlink ≥1Mbps) for VoSKY Exchange Pro VIT1/E1.
- Make sure you have created 23/30(T1/E1) Skype accounts with a recommended sequential naming convention, such as “Prefix1-Prefix30” or “Prefix1- Prefix23”. If the Skype accounts are random, please use the import account file method to launch the Skype accounts.
- One free E1 or T1 trunk port with Auto-Attendant capability for up to 23/30 Skype lines.
- Make sure you have assigned a Hunting Group Number for the E1/T1 port of your PBX and record this number.
- Make sure you have obtained the settings of the E1/T1 card from your PBX specification.

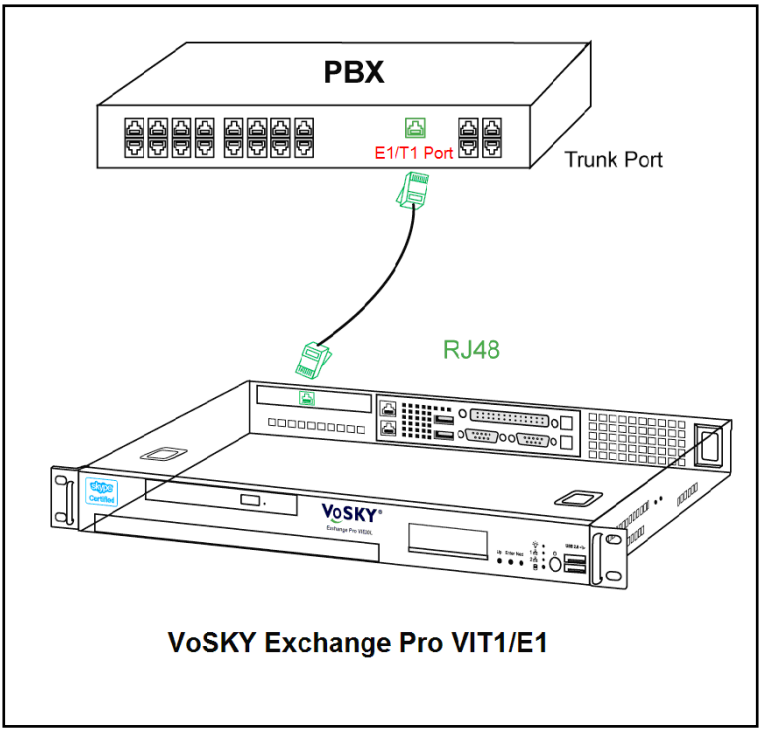
A. Configure the PBX

Please send the following parameters to your PBX technician for configuration.

Parameters	E1 settings	T1 settings
Tone zone	US	US
Timing (Clock source)	0	0
LBO	0	0
Framing	ccs	esf
Coding	hdb3	b8zs
CRC4 enabled	Enabled	Disabled
B-channels	1-15,17-31	1-23
D-channels	16	24
Switchtype	euroisdn	national
Signalling (Termination side)	pri_net(only supports pri_ net)	pri_net(only supports pri_net)
Group	1	1
Language	EN	EN
Receive Wink Timing	300	300

B. Connect Exchange Pro VIT1/E1 to the PBX

1. Connect the E1/T1 port on the Exchange Pro VIT1/E1 backplate to the E1/T1 port on the PBX using the provided RJ-48 cable as shown below:
2. If the provided cable is not applicable to your PBX, please refer to Appendix D in the user manual to make an appropriate interface or ask your reseller.



VoSKY Exchange Pro VIT1/E1

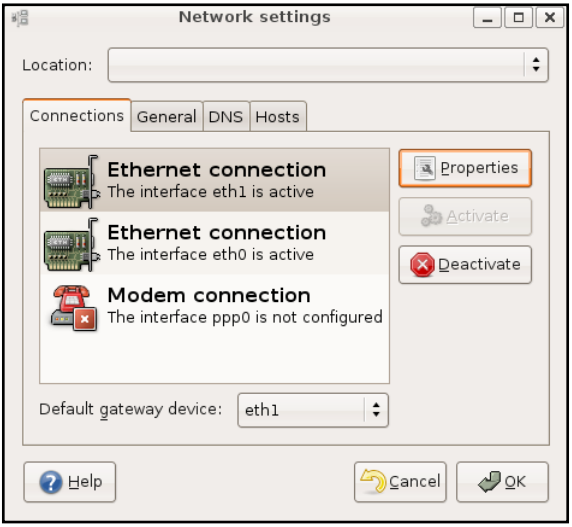
C. Set up VIT1/E1

Network Settings(Refer to section 2.5 for details)

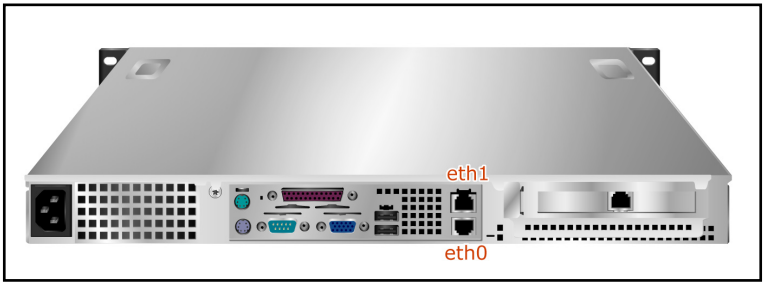
You can skip this section if your network is DHCP (VIT1/E1 will receive IP settings automatically).

1. Plug in the power, monitor, mouse, keyboard, and network cables into the VoSKY Exchange Pro VIT1/E1 system.
2. Turn on the system. Click on **System ->Administration -> Networking** to launch the Network settings. In the Connections

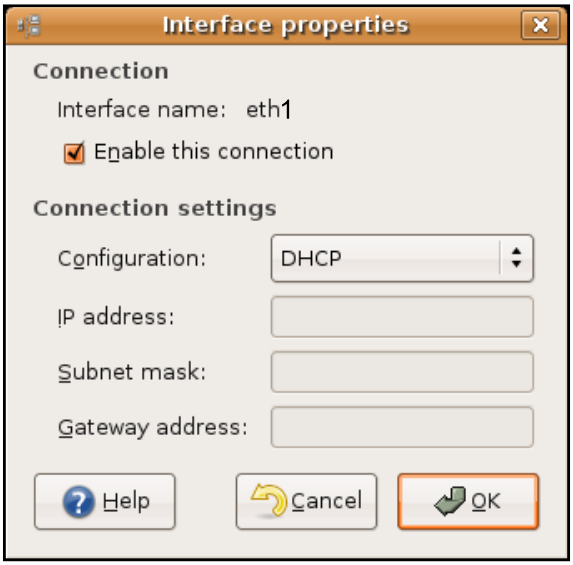
section, select the interface you want to configure and click the **Properties** button to configure the settings.



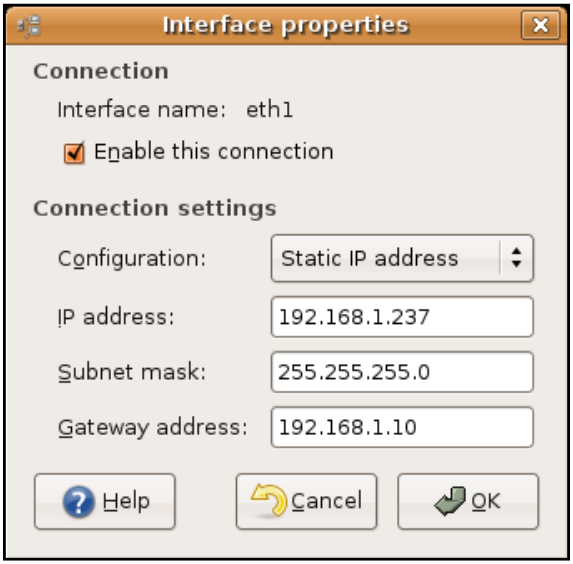
The following screenshot shows the interface “eth0” and “eth1” in Exchange Pro VIT1/E1.



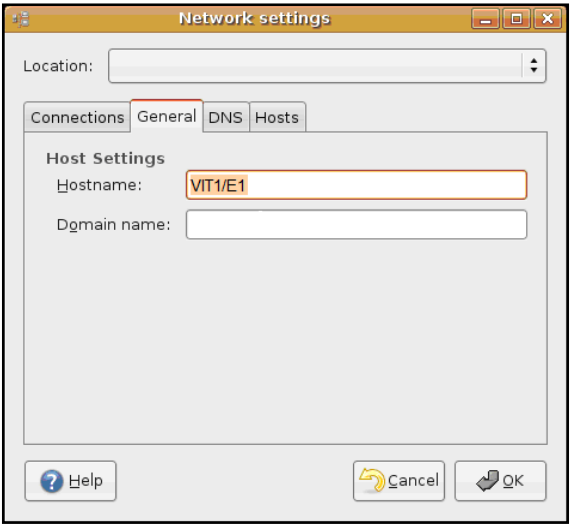
3. Choose a connection configuration type: DHCP or Static IP Address. You can get IP settings assigned automatically if your network supports this capability.



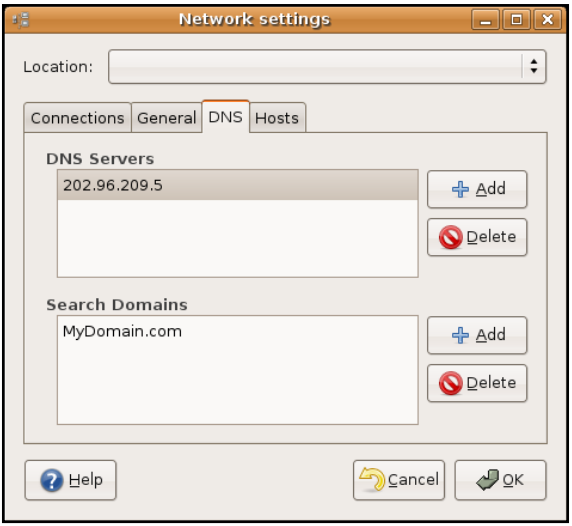
4. If you choose the **Static IP Address** option, specify an IP address in the **IP address field**, type the subnet mask number obtained from your network administrator or Internet service provider, and type the IP address for the default gateway that you want to add.



5. In the General section, type the hostname or domain name (default: VIT1/E1).



6. In the DNS section, type the new DNS IP address in the DNS text box and click **Add** button.

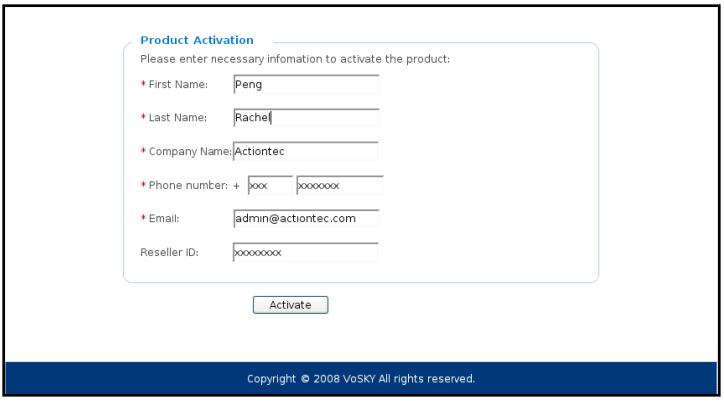


Activate VIT1/E1

1. Open your browser (default: http://localhost:8080).Enter the Username (default: admin) and Password (default: password) of the administrator in the login page. Select “Remember me if you want to login automatically later.” Click **Login** to enter the VoSKY Exchange Pro VIT1/E1 Web Console.

Note: For security reasons, change your administrator password after logging in.

2. Fill in the appropriate fields and click on Activate to activate your Exchange.


Product Activation
Please enter necessary infomation to activate the product:
* First Name: Peng
* Last Name: Rachel
* Company Name: Actiontec
* Phone number: + xxx xxxxxxx
* Email: admin@actiontec.com
Reseller ID: xxxxxxxx
Activate
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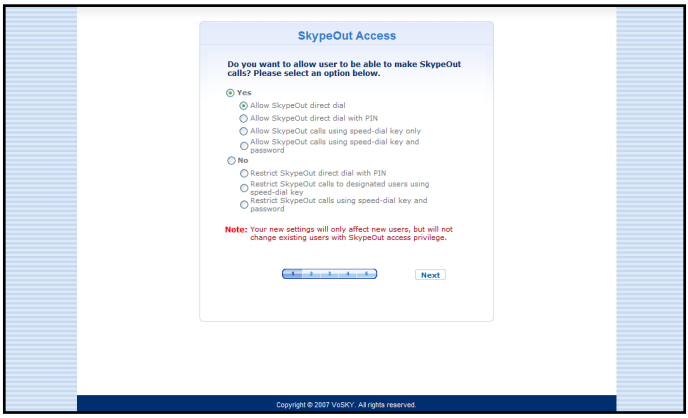
Note: You only can obtain Exchange Pro VIT1/E1 updates once it is activated.

Configuration Wizard

1. Setting up the SkypeOut settings.


SkypeOut Access
Do you want to allow user to be able to make SkypeOut calls? Please select an option below.
Yes
Allow SkypeOut direct dial
Allow SkypeOut direct dial with PIN
Allow SkypeOut calls using speed-dial key only
Allow SkypeOut calls using speed-dial key and password
No
Restrict SkypeOut direct dial with PIN
Restrict SkypeOut calls to designated users using speed-dial key
Restrict SkypeOut calls using speed-dial key and password
Note: Your new settings will only affect new users, but will not change existing users with SkypeOut access privilege.
Next
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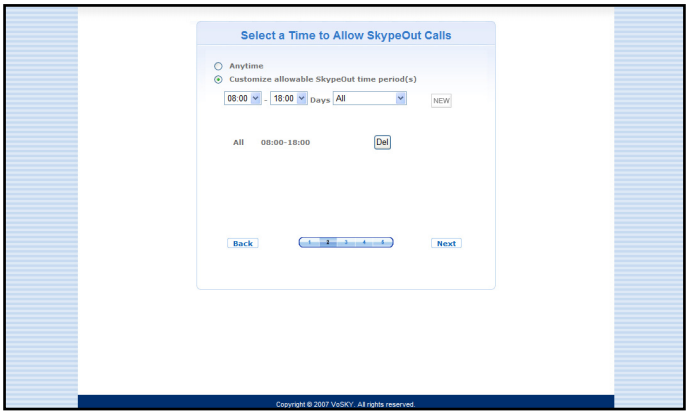
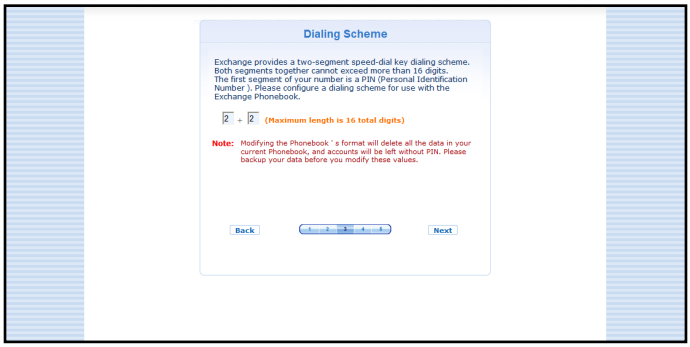
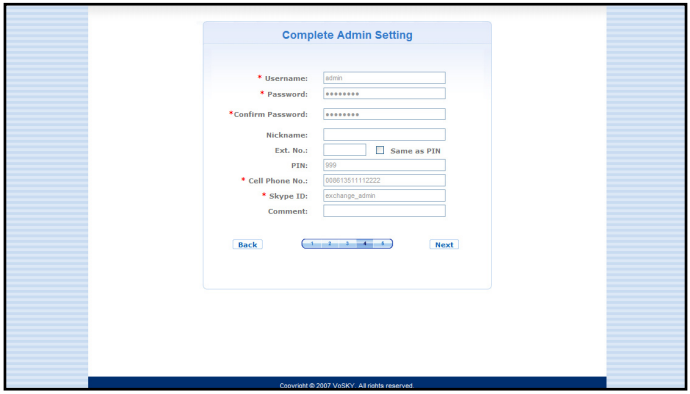
2. Setting up the SkypeOut call availability.



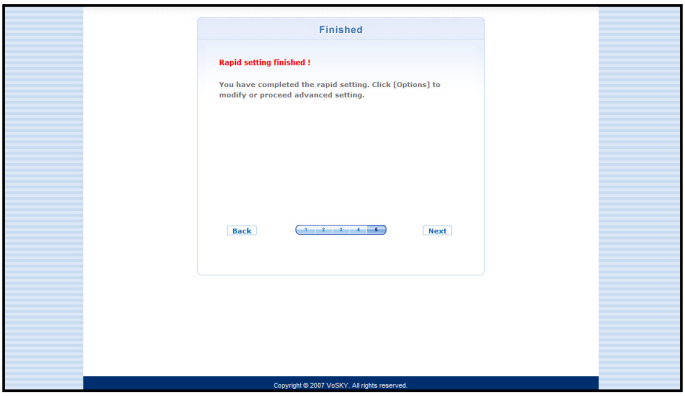
3. Setting up the two-segment “X+Y” dialing scheme, the default format is 2+2 (2-digit PIN + 2-digit key).


Dialing Scheme
Exchange provides a two-segment speed-dial key dialing scheme. Both segments together cannot exceed more than 16 digits. The first segment of your number is a PIN (Personal Identification Number). Please configure a dialing scheme for use with the Exchange Phonebook.
2 + 2 (Maximum length is 16 total digits)
Note: Modifying the Phonebook ' s format will delete all the data in your current Phonebook, and accounts will be left without PIN. Please backup your data before you modify these values.
Back
Next

4. Setting up the administrator’s profile information.

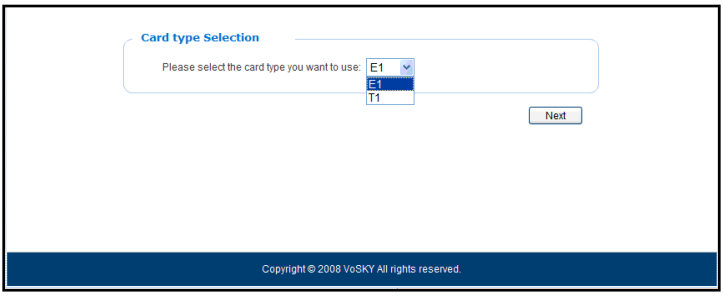


5. Click **OK** button to complete the configuration wizard.


Finished
Rapid setting finished !
You have completed the rapid setting. Click [Options] to modify or proceed advanced setting.
Back
Next
Copyright © 2007 VoSKY. All rights reserved.

Set up the E1/T1 Card Type

1. Choose a card type: E1 or T1. This depends on the E1/T1 card in your PBX. Select E1 if you have an E1 card in your PBX, or select T1 if you have a T1 card in your PBX.



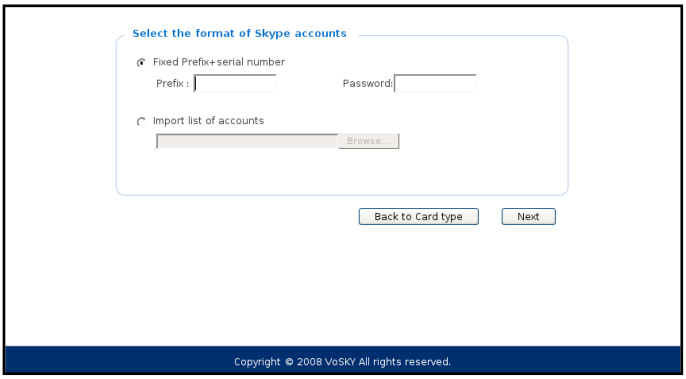
Note: If the card is configured as E1, it will launch 30 Skype accounts. If configured as T1, it will launch 23 Skype accounts. Once the configuration is complete you may not switch card types. You must use the Recovery DVD to restore the system to change the card type settings.

Launch Skype Accounts

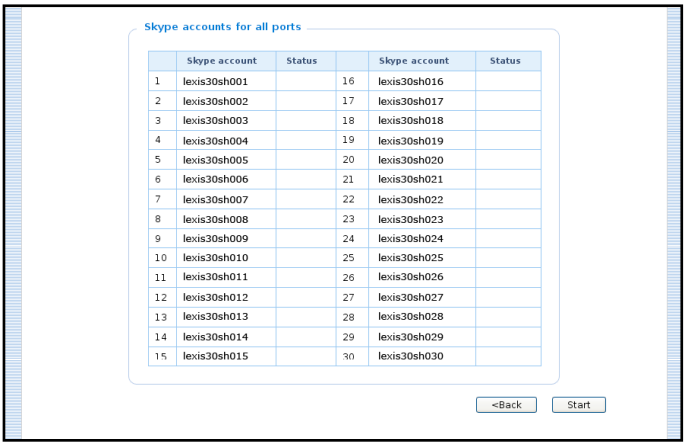
Select an option to launch the Skype accounts: Rapid Launch or File imported.

a. Rapid Launch

This option restricts you to use a uniform password for all Skype accounts. Select the **Fixed Prefix+serial number** option and enter the Skype IDs' prefix, such as lexis30sh00. Then enter the uniform password in the Password field. Click the **Next** button to continue.



Exchange Pro VIT1/E1 will list the 30 Skype accounts such as lexis30sh001, lexis30sh002 …lexis30sh0030. Click the Back button to return to the previous page to revise. Otherwise, click the **Start** button to start the Skype launch process.



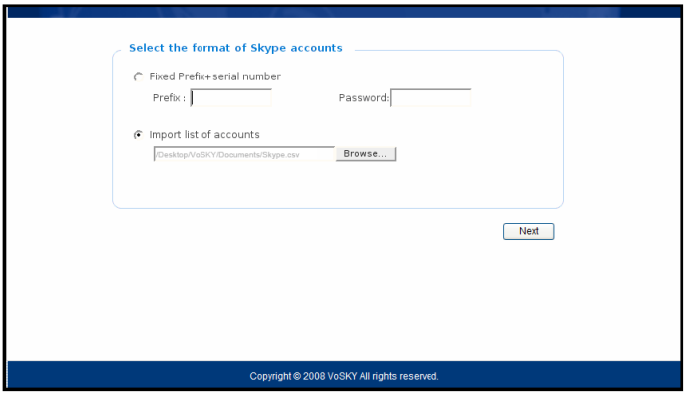
Note: The process will take about 15-20 minutes (depending on network conditions) to complete. During the process please do not use the keyboard and mouse to avoid the interruption or error.

b. File Imported

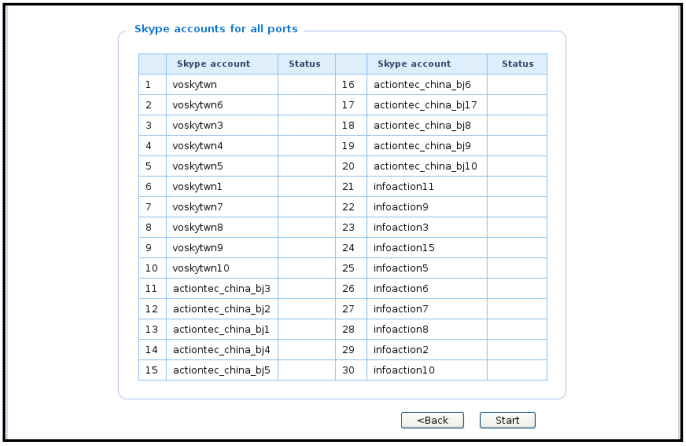
If you use random Skype accounts with different passwords, we recommend that you import an account file to launch the Skype accounts.

First, open the Exchange Pro VIT1/E1 desktop / VoSKY / Documents / Skype.csv. Using this template, the left column in the figure below are Skype IDs and the right column are the corresponding passwords. You can edit this template with the Skype accounts and passwords you would like to use.

Select **Import list of accounts** option and click the **Browse** button to select the account file. Click the **Next** button to continue.



Exchange Pro VIT1/E1 will list the imported 30 Skype accounts. Click the **Back** button to return to the previous page to revise. Otherwise, click the **Start** button to start the Skype launch process.



Skype accounts for all ports

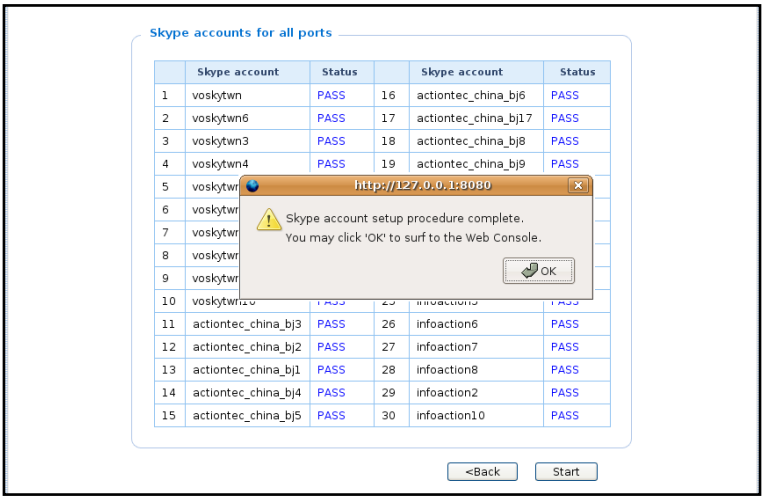
	Skype account	Status		Skype account	Status
1	voskytwn		16	actiontec_china_bj6	
2	voskytwn6		17	actiontec_china_bj17	
3	voskytwn3		18	actiontec_china_bj8	
4	voskytwn4		19	actiontec_china_bj9	
5	voskytwn5		20	actiontec_china_bj10	
6	voskytwn1		21	infoaction11	
7	voskytwn7		22	infoaction9	
8	voskytwn8		23	infoaction3	
9	voskytwn9		24	infoaction15	
10	voskytwn10		25	infoaction5	
11	actiontec_china_bj3		26	infoaction6	
12	actiontec_china_bj2		27	infoaction7	
13	actiontec_china_bj1		28	infoaction8	
14	actiontec_china_bj4		29	infoaction2	
15	actiontec_china_bj5		30	infoaction10	

<Back Start

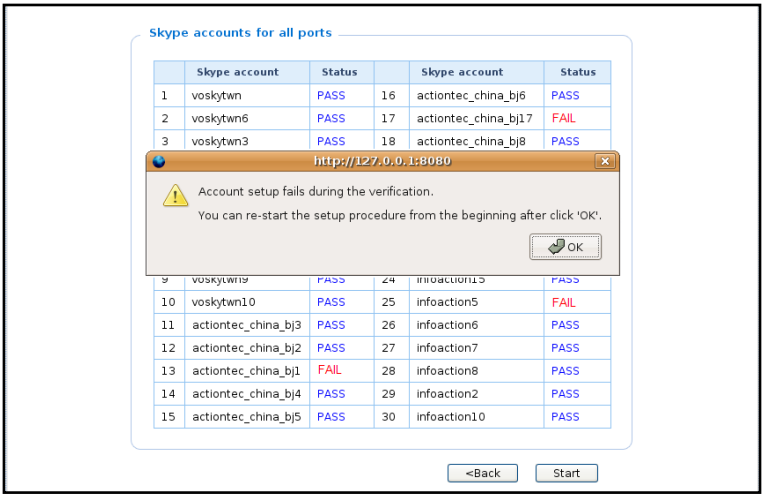
Note: The process will take about 15-20 minutes (depending on network conditions) to complete. During the process please do not use the keyboard and mouse to avoid the interruption or error.

When complete, a message window will pop up to notify you.

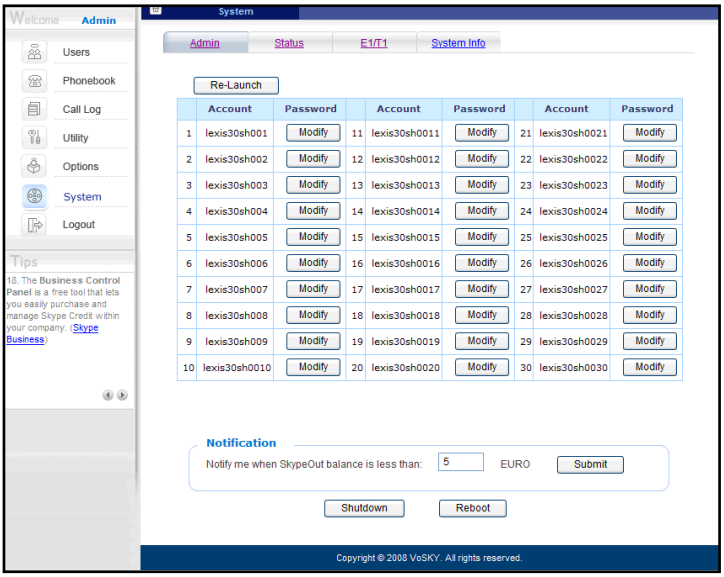
Click the **Ok** button to close it.


Skype accounts for all ports
Skype account
Status
Skype account
Status
1 voskytwn PASS 16 actiontec_china_bj6 PASS
2 voskytwn6 PASS 17 actiontec_china_bj17 PASS
3 voskytwn3 PASS 18 actiontec_china_bj8 PASS
4 voskytwn4 PASS 19 actiontec_china_bj9 PASS
http://127.0.0.1:8080
Skype account setup procedure complete.
You may click 'OK' to surf to the Web Console.
OK
11 actiontec_china_bj3 PASS 26 infoaction6 PASS
12 actiontec_china_bj2 PASS 27 infoaction7 PASS
13 actiontec_china_bj1 PASS 28 infoaction8 PASS
14 actiontec_china_bj4 PASS 29 infoaction2 PASS
15 actiontec_china_bj5 PASS 30 infoaction10 PASS
<Back
Start

Note: If the imported account password is not correct, a message window will pop up to notify you to relaunch the Skype accounts using the correct passwords.

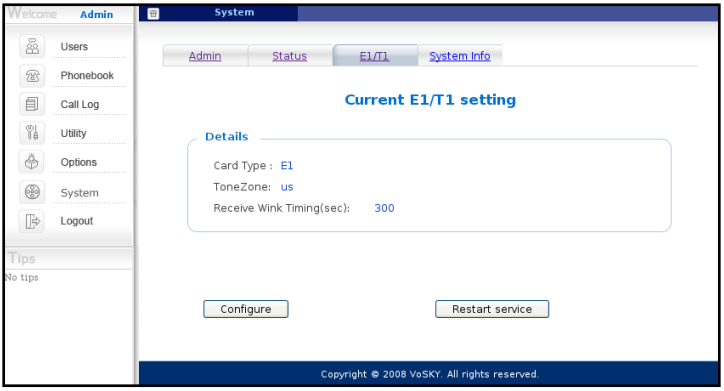

Skype accounts for all ports
Skype account
Status
Skype account
Status
1 voskytwn PASS 16 actiontec_china_bj6 PASS
2 voskytwn6 PASS 17 actiontec_china_bj17 FAIL
3 voskytwn3 PASS 18 actiontec_china_bj8 PASS
http://127.0.0.1:8080
Account setup fails during the verification.
You can re-start the setup procedure from the beginning after click 'OK'.
OK
10 voskytwn10 PASS 25 infoaction5 FAIL
11 actiontec_china_bj3 PASS 26 infoaction6 PASS
12 actiontec_china_bj2 PASS 27 infoaction7 PASS
13 actiontec_china_bj1 FAIL 28 infoaction8 PASS
14 actiontec_china_bj4 PASS 29 infoaction2 PASS
15 actiontec_china_bj5 PASS 30 infoaction10 PASS
<Back
Start

The Skype ID of the first port on Exchange Pro VIT1/E1 will be used as the Company Skype ID.



Set up E1/T1

The E1/T1 parameters of both units should be consistent when connecting the Exchange Pro VIT1/E1 to the PBX. Otherwise, it will cause data transmission access issues.



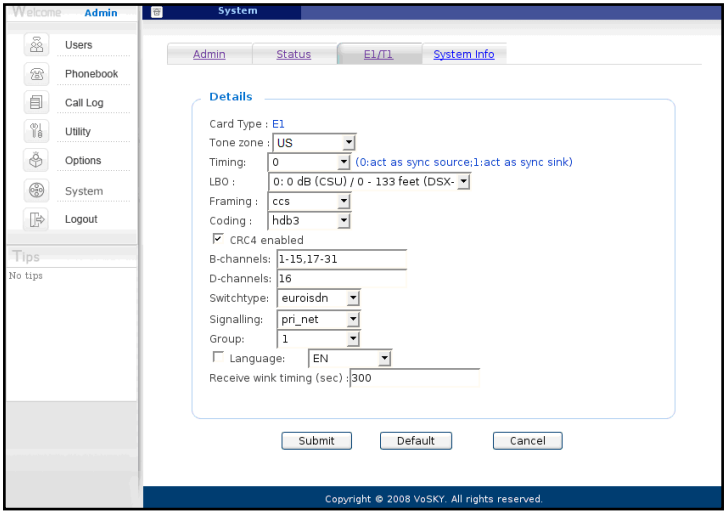
In the **E1/T1** page, click the **Configure** button.

Timing in Exchange Pro VIT1/E1 is set to “0” .

Exchange Pro VIT1/E1’s Signalling currently only supports pri_net (Network side/Master).

If you cannot find the corresponding settings on your PBX, please use the default settings in Exchange Pro VIT1/E1.

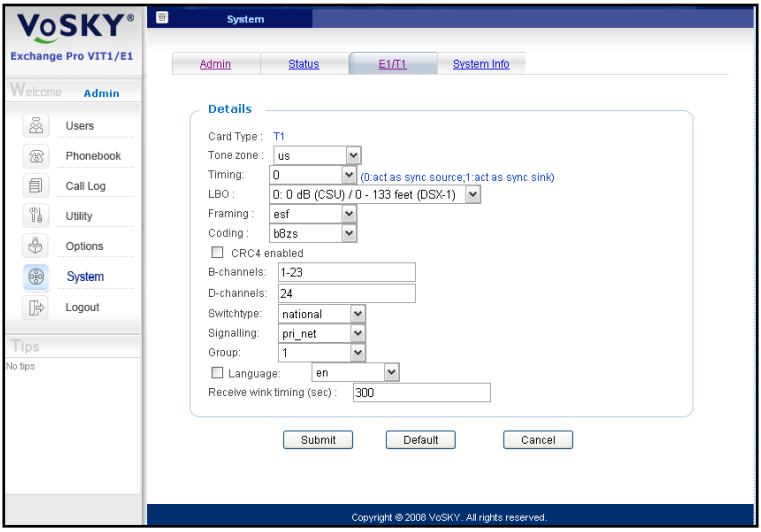
E1 Setting page



Following is the initial default values for E1:

Tone zone	US
Timing	0
LBO	0
Framing	ccs
Coding	hdb3
CRC4	Enabled
B-channels	1-15,17-31
D-channels	16
Switchtype	euroisdn
Signaling	pri_net(only supports pri_net)
Group	1
Language	EN
Receive Wink Timing	300

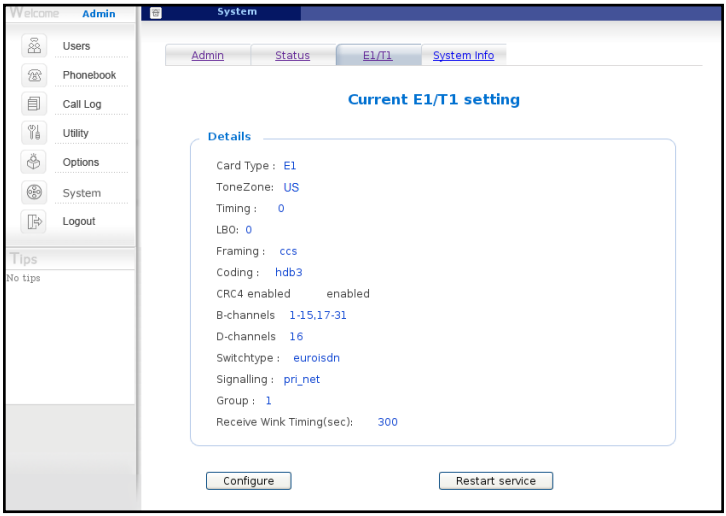
T1 Setting page



Following is the initial default values for T1:

Tone zone	US
Timing	0
LBO	0
Framing	esf
Coding	b8zs
CRC4	Disabled
B-channels	1-23
D-channels	24
Switchtype	national
Signaling	pri_net(only supports pri_net)
Group	1
Language	EN
Receive Wink Timing	300

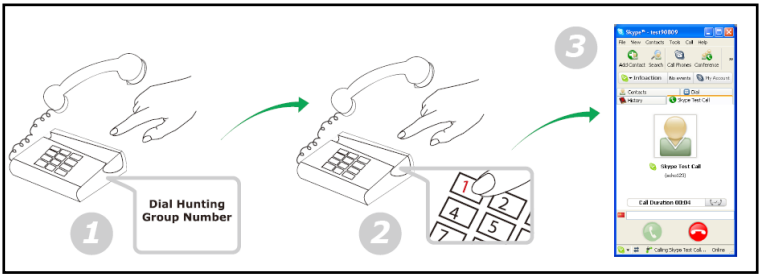
To complete the setup, in the E1/T1 page, click the Restart service button for the parameter changes to take effect.



D. Verify VoSKY Exchange Pro VIT1/E1 System

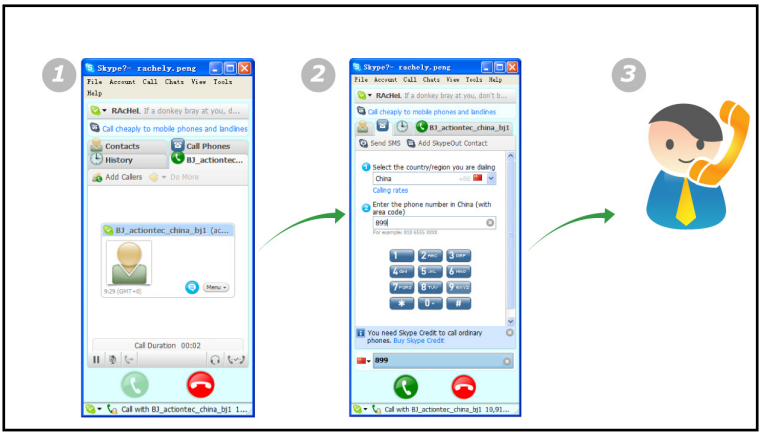
Extension -> Skype

1. Pick up an extension phone which is connected to the PBX, dial the Hunting Group Number for VoSKY Exchange Pro E1/T1 and verify you can hear the dial tone.
2. After you hear the Dial Tone or voice prompt, press “1” to make a test call to “echo123”.
3. Follow the Skype echo test instructions and record a message for 10 seconds. Make sure you can hear the message that is played back to you.



Skype -> Extension

1. Make an inbound call from a remote Skype to your Company Skype ID.
2. Enter an extension number after hearing the PBX’s auto-attendant.
3. Check that the call connects and both parties can talk to each other.


1
Skype? - rachely.peng
File Account Call Chats View Tools Help
RAchel If a donkey bray at you, d...
Call cheaply to mobile phones and landlines
Contacts
Call Phones
History
BJ_actiontec...
Add Callers
Do More
BJ_actiontec_china_bj1 (ac...
Menu
Call Duration 00:02
Call with BJ_actiontec_china_bj1 1...
2
Skype?- rachely.peng
File Account Call Chats View Tools Help
RAchel If a donkey bray at you, don't b...
Call cheaply to mobile phones and landlines
BJ_actiontec_china_bj1
Send SMS
Add SkypeOut Contact
Select the country/region you are dialing
China
Calling rates
Enter the phone number in China (with area code)
8998
You need Skype Credit to call ordinary phones. Buy Skype Credit
899
Call with BJ_actiontec_china_bj1 10,91...
3

VoSKY®

Your Ultimate Gateway to Skype™

P/N.0530-0584-000